Arun Patel

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Employment History

HDFC Life, Bangalore   JAN 2024 – Present
Software Development Engineer - Frontend

- Digi VPC – Implemented cutting-edge face detection with eye-blink count tracking and real-time video recording capabilities on the web, reducing the liveliness verification failure rate from 33% to under 1%.
- Developed AI-powered platform with advanced capabilities, including PDF upload and automatic summarisation, interactive Q&A from documents and accurate audio transcription capabilities
- Lead the frontend system design architecture, optimising scalability and performance across projects and enhancing reliability and user experience.

Skills: ReactJS, Angular, NodeJS, MongoDB, AWS, Design System, Accessibility, Web Performance

Parallel Reality, UK (Remote)   MARCH 2021 – DEC 2023
Software Development Engineer

- Led the front-end development for the EMA project, a ground-breaking Electronic Medical Assistant platform designed for NHS UK.
- Developed and maintained various components of the EMA system, including admin, representative, and doctor dashboards and developed and integrated RESTful APIs for seamless data handling and communication.

Skills: ReactJS, Angular, NextJS, Redux.js, AWS, NodeJS, Bootstrap, Accessibility, Web Performance

SimplyTurn Technology, Hyderabad (Remote)   SEP 2020 – DEC 2020
Software Development Intern

- Developed high-performance, reusable components for the HRMS dashboard, enhancing the user experience and functionality. Collaborated with cross-functional teams to implement UI designs, ensuring project requirements.
- Integrated RESTful APIs to enable seamless data flow and improve system performance.

Skills: ReactJS, Angular, Bootstrap, TypeScript, Redux, GIT, Figma

Technical Skills

Frontend: HTML, CSS3, JavaScript (ES6+), TypeScript, ReactJS, NextJS, Angular, Redux, Tailwind, Jest, React Testing Library
Cloud & DevOps: AWS (Lambda, S3, DynamoDB, API Gateway, Cloudfront), Docker, GitHub Actions.
MISCELLANEOUS: Java, Data Structure and Algorithm, Regular Practice on LeetCode
BACKEND: NodeJS, Express, MongoDB, RESTful APIs
SOFT SKILLS: Team Player, Bias for action, Deliver results

Projects

Penny Track – Expense Tracking Web App (PWA)

- Developed a full-stack web app for tracking daily expenses with budget management.
- Built the frontend with ReactJS, enabling category-based expense tracking and budget setting with graphics insight.
- Leveraged a serverless Node.js backend on AWS for efficient, scalable data handling.
  - **Tech Stack:**
    - **Frontend:** ReactJS, Tailwind CSS, Zustand
    - **Backend**: Node.js, AWS Serverless Architecture, TypeScript

Skills Track

- Developed a dynamic blog website using Next.JS, with content management powered by Sanity.
- Implemented Sanity's collaborative editing features, allowing multiple authors to work simultaneously on articles.
  - **Tech Stack:** NextJS, Sanity

Education

Bachelor of Technology at IIMT Engineering College, Meerut   March 2017 – Oct 2021
Course: B.Tech (Computer Science)   **CGPA:** 8.05